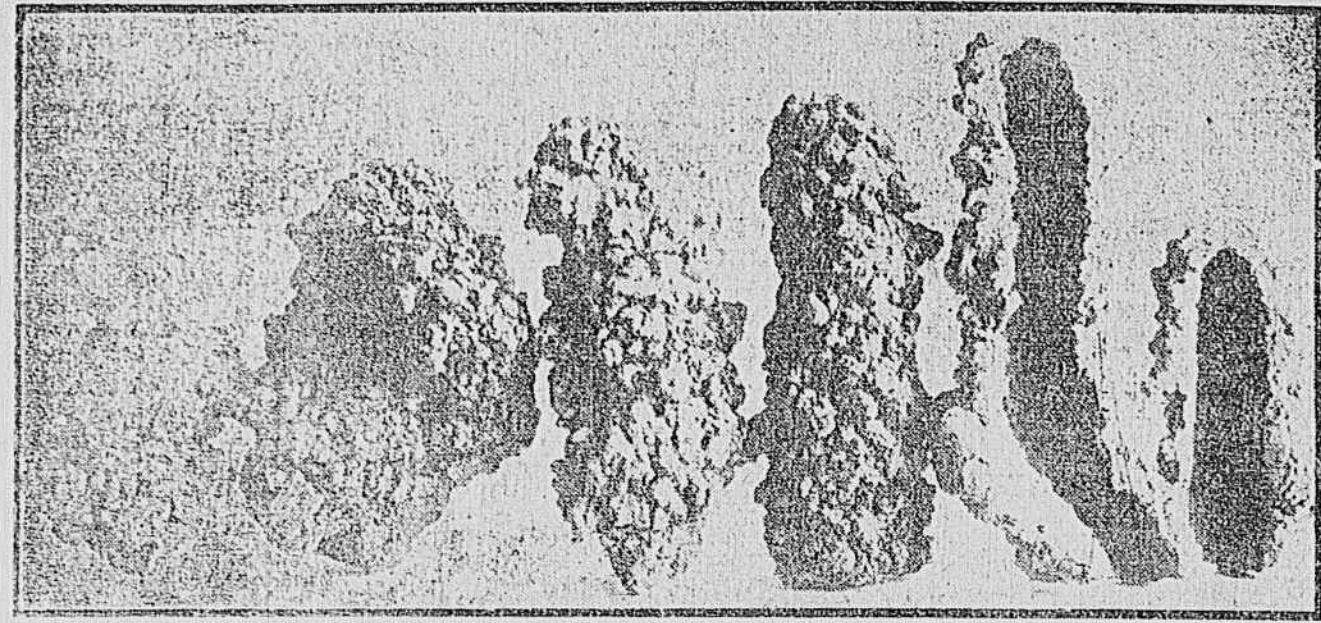
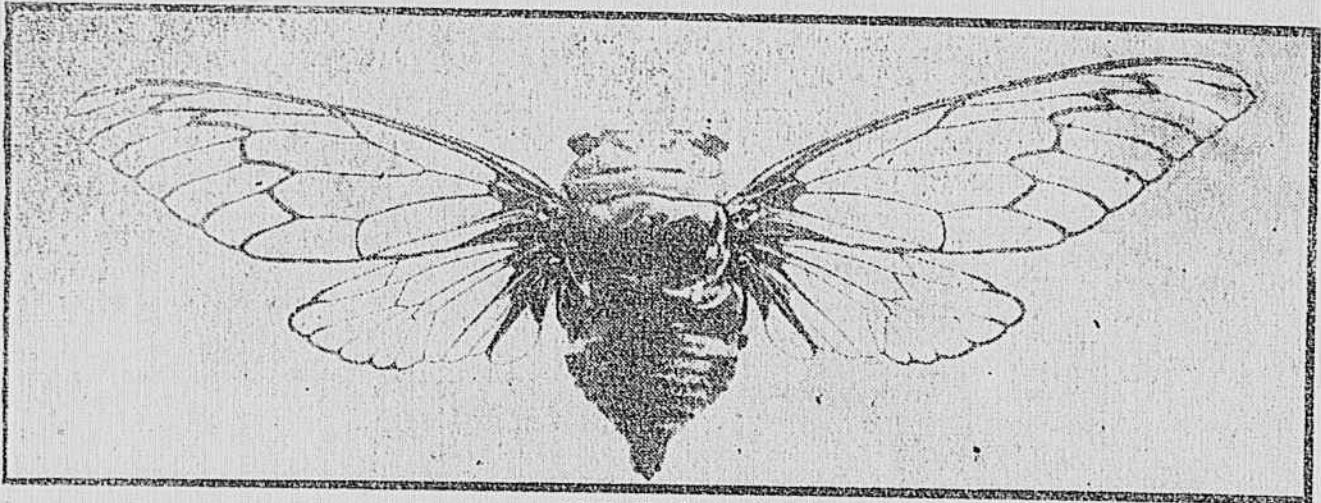


Great Locust Year--Two Vast Armies to Come Together This Spring--Great Invasion Not to Be Repeated for 150 Years



Mud chimneys made by Cicadas.



Adult Cicada (enlarged).

BY JOHN ELLIETH WATKINS.
Washington, D. C., March 18.—The most widespread "locust" invasion that this country has experienced in seven years is due this spring. The locusts of the United States Bureau of Entomology have just framed a forecast that will indicate to our citizens, far and wide, the counties in which the invaders will appear during the season now dawning upon us.

Prophets, we are told, is not yet an exact science, but the process of predicting this insect invasion is an exception to the rule. I never religiously believed that it could be done until I heard for myself in the golden spring of 1902. Four full years in advance of that date the official prophets had given me a map of the predicted theatre of war. I fled it away, and when the scheduled week rolled around I visited a spot marked as within the prognosticated belt of battle. Here I saw the enemy advance and viewed the succeeding tumult. It was a sight for sore eyes, a spectacle to be remembered throughout a lifetime.

But the high doings of 1902 were as nothing compared with those which nature will pull off this spring. In 385 counties of twenty-one sovereign American States. For the first time since 1894 two of the "major broods" of periodical locusts will simultaneously appear within our domain.

The Last Chance of Our Lifetime.
It will be the last time within our natural lives that such an onslaught will be witnessed, nor will our children's children see the like, for



Good biscuits are largely dependent upon good Baking Powder.

Thus, Good Luck is really bread insurance.

That's why you will find it on the pantry shelf of discriminating housekeepers.

Your grocer has it.

THE SOUTHERN MANUFACTURING COMPANY, Richmond, Va.

WE HAVE

successfully maintained our supremacy in the adjustment of Eye Glasses and Spectacles for a quarter of a century past, and our unequalled facilities for rendering the best optical service obtainable keep pace with modern and advanced methods.

Prescription Work our Specialty

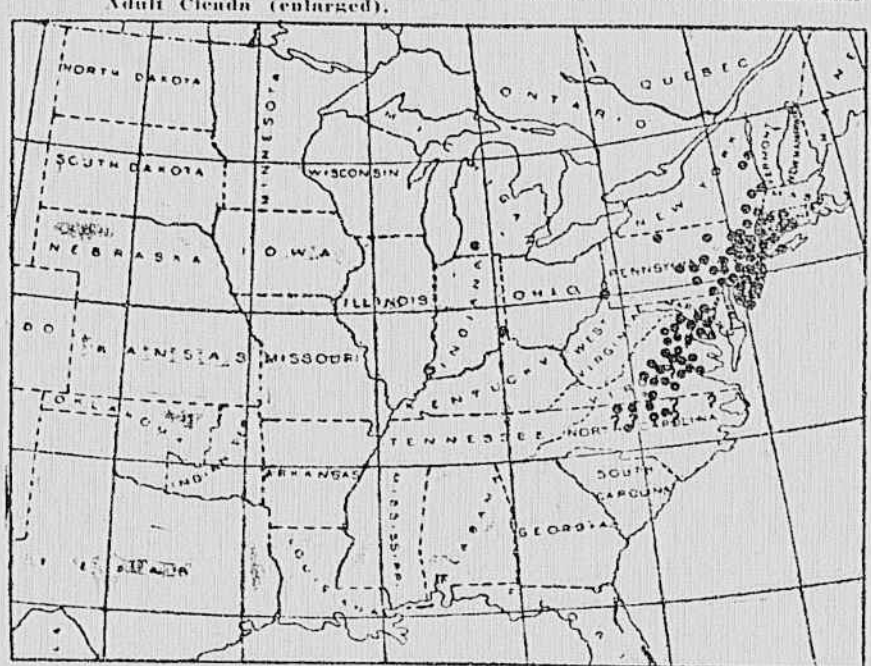
GOOD FOR THE EYES

The S. CALESKI Optical Co.

MAIN AND BROAD AND

EIGHTH AND THIRD

Kodak Headquarters



Where Seventeen-Year Locusts Are Due 1911.

strangely enough, two of these "major broods" will not again appear among us at the same time until a century and a half shall have rolled by.

The two armies are of distinct races, the one peculiar to the North and the other to the South. The southern locusts have been intruded under ground for precisely thirteen years, and the northern warriors have been similarly hiding beneath their cooler soil for exactly seven years. Those which now are to appear in the South last saw the scenes of their birth in the year of the Spanish War, 1898, while those that are to invade the North have not gazed upon their native heath since 1894. In those years countless millions of the locusts were hatched, and since that time not an individual among them has chosen to lift his eyes above ground.

The accompanying war maps show just where the two armies are to appear during the spring season now dawning. The black dots indicate the counties which they invaded at the time of their former outbreaks.

Virginia's Forecast.
In Virginia, the seventeen-year locusts are scheduled to appear in the counties of Albemarle, Alexandria, Amherst, Appomattox, Bedford, Buckingham, Campbell, Caroline, Charlotte, Culpeper, Fairfax, Fannin, Fluvanna, Gloucester, Hanover, Henrico, James City, Loudoun, Louisa, Lunenburg, Madison, Page, Pittsylvania, Powhatan, Prince Edward, Rappahannock, Spotsylvania, Stafford.

The thirteen-year locusts, or Southern brood, will not visit Virginia.

The two broods will overlap in Indiana, where the whole of New Jersey and the District of Columbia are marked for invasion by the Northern locusts. The latter constitute one of the best recorded of the seventeen-year broods, and which has been regularly reported in New Jersey since 1713. And the Southern locusts compose one of the two largest thirteen-year broods known to entomologists.

Although others have appeared among us at more or less frequent intervals, these two exact broods have not appeared together in America since 1890, nor will they again visit us at the same time until the year 2152.

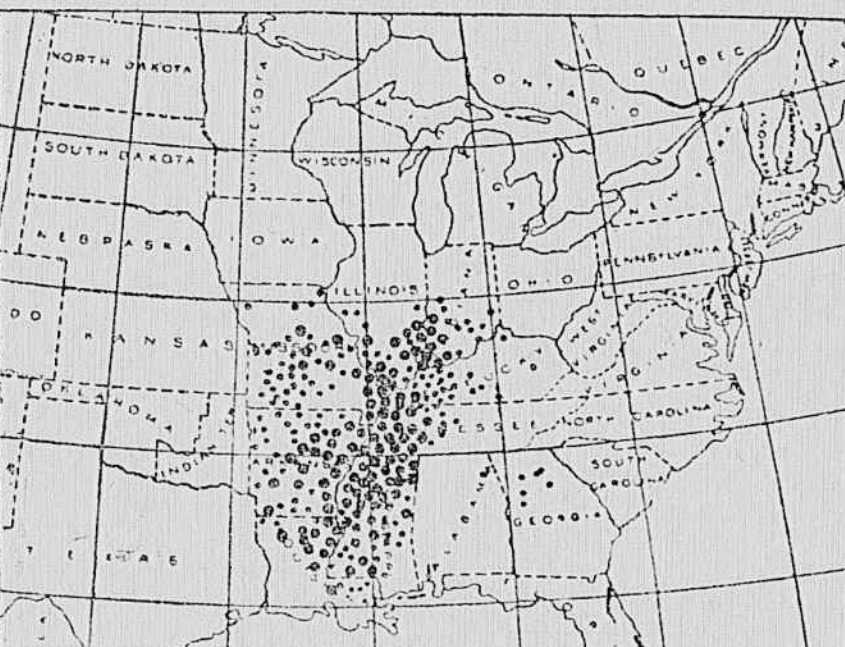
Oddest of God's Creatures.
In the whole scale of God's creatures there are none so wondrous as those which the people of the 385 American counties mentioned are now, in their amazement, to behold. But before going further let me correct myself as I have called them "locusts," as the popular name by which you know them best is a misnomer. It is a term which you should apply only to the grasshopper. "Periodical cicadas" is the proper terminology of this species, whose sudden appearance in such vast numbers recalled to our attention the horde of migratory locusts, grasshoppers of the Old World, which used to be in clouds that obscured the sun and caused darkness to reign over regions of earth.

The periodical cicada—found only in America—lives to be older than any other insect known to science. The two broods which are to appear among us this year have respective spans of life which a hop and a cut could with our difficulty attain.

Is a Riddle of Science.
Why the Northern species lives underground for exactly seventeen years, while the Southern locusts maintain their subterranean existence for just thirteen years—never more nor less in either case—is one of the riddles of science, but is supposed to be due to



Transformation of the Cicada: 1. Just out of ground. 2. Beginning to issue from shell. 3. Newly free from shell. 4. Just out of shell. 5. Several hours after transformation.



Where Thirteen-Year Locusts Are Due 1911.

gradually growing with its occupant will extract himself from the shell by arching his back and by finally hanging head downward, until grasping the nearby leaf or branch. At either side of his neck you will see two flange-like adornments so small that you might mistake them for ears.

Concentrate your gaze upon these.

The Master Cure for RHEUMATISM
"A Muller's Prescription 100384"
Used by Specialists and known since 1861 as the one good medicine for deep-seated and apparently hopeless cases. A safe, speedy and satisfactory treatment. Don't waste time with curative, cure-alls and humbugs. Insist on having Muller's Prescription and success. Cures Rheumatism and Gout any age or condition.

At Drugists, 75c. Bottle. Booklet mailed free, W. M. H. MULLEN, 352 Atlantic Ave., Bklyn., N. Y. Formerly University Place, N. Y. City.

Don't Persecute your Bowels

Cut out cathartics and purgatives. They are brutal.

CARTER'S LITTLE LIVER PILLS

Purify the liver, eliminate bile, and soothe the delicate membrane of the bowels.

Small Pill, Small Dose, Small Price

Genuine must bear Signature

Can Cancer Be Cured? IT CAN

The record of the Kellam Hospital is without parallel in history, having cured to stay cured permanently, without the use of the knife or X-ray, over 90 per cent. of the many hundreds of sufferers from cancer which it has treated during the past fifteen years.

We have been endorsed by the Senate and Legislature of Virginia. We guarantee our cures.

Physicians treated free.

Kellam Hospital

1617 West Main Street, RICHMOND, - - - VIRGINIA.

Sauer's

THE BEST FLAVORING EXTRACT

BY EVERY TEST

S.S.S. GREATEST OF ALL TONICS BECAUSE GREATEST OF ALL BLOOD PURIFIERS

Any system that needs a tonic needs also a blood purifier, for it is the weakened and impure condition of the circulation that is responsible for the run-down state of health. We have only to recognize the importance of pure, rich blood in preserving health, to realize the danger of a weakened or impure circulation. The great majority of persons are rapidly coming to understand the importance of preventing disease; they know that a poorly nourished system cannot resist germs and microbes, and that a tonic which purifies and enriches the blood will often ward off a serious spell of illness later on.

That Spring is the most trying season on the health is a fact well known to every one. It is the time of year when our constitutions are required to stand the greatest strain, and unless the system receives the proper amount of blood nutriment the health is bound to be affected. The general bodily weakness, tired, worn-out feeling, fickle appetite, poor digestion, etc., come directly as a result of weak, watery blood.

If you need a tonic, you need a medicine that has real blood-purifying properties. A great many so-called tonics are mere nerve stimulants, often producing instantaneous exhilarating effect, but acting with decided injury on the system. If your system is weak and run-down you can only tone it up by supplying an increased amount of blood nutriment, and this can come only through pure, rich blood. Any tonic which does not purify the blood is dangerous, because it leaves the impurities in the circulation to constantly prey upon the health.

S. S. S. is the greatest of all tonics because it is the greatest of all blood purifiers; and it is the one medicine you can rely on to supply the system with the best tonic effects and at the same time thoroughly purify the blood.

The use of S. S. S. at this time may save you from a long spell of sickness, and it will certainly prepare you for the strain of the long hot Summer. Many people have put off using a tonic until the system became so weakened it could not resist disease, and have paid for the neglect later on with a spell of fever, malaria, or some other debilitating sickness. S. S. S. is Nature's ideal tonic and blood purifier. It does not contain a particle of mineral in any form, nor does it contain any of the deleterious nerve stimulants that are used in so many medicines called tonics.

S. S. S. tones up the stomach and digestion, rids one of the tired, worn-out feeling, improves the appetite and digestion, and in every way contributes to the upbuilding and strengthening of the entire system. S. S. S. is absolutely safe for persons of any age, and all who are in need of a tonic will find this medicine exactly suited to their needs.

THE SWIFT SPECIFIC CO., ATLANTA, GA.

FEELS BETTER IN EVERY WAY

S. S. S. is a good medicine. I keep it in my house all the while. It is an excellent tonic to give strength to the system and tone to all the physical members. It gives appetite and energy and makes one feel better in every way. I have found it also an excellent blood purifier. For months I was troubled with an itching skin eruption on the face, and tried many specialists and various remedies to get acute, but S. S. S. is the only medicine that seemed to relieve. I am now free of this eruption. I think a great deal of your medicine, believing it to be the best blood purifier and tonic known to the world today.

MRS. FRANK HORNER, 1350 East Seventh St., Canton, O.

They will perceptibly expand, and before you realize that the miracle has been performed you will see them spread out into long, transparent, flowing wings with beautiful white veins.

Like the moonflower petals bursting from its lattice, they will shoot out until the tree covered by the myriad insects appears to be in bloom.

"In the moonlight such a tree looks for all the world as though it were full of beautiful white blossoms in various stages of transformation." Is the way the phenomenon was once described by Professor C. V. Clifford, chief entomologist of the government.

What to See Next Morning.

Rise early next morning and you will find the trees all with the empty shells and nearby you will see the fully developed cicadas, now adorned by the colors that will characterize them during the winged stage of their existence. Overnight their bodies will have turned black, and their eyes, their legs and the margin of their wings will have become tinted orange-red.

Good orthodox churchmen believe that the very virtuous among us really have turned during only a comparatively few years of preparation for a winged existence, lasting throughout all eternity, but a sad reversal of this law is suffered by the cicada. Its monotonous career of earth-bound existence, extending for seven or thirteen years, is interrupted, as it were, in preparation for but five or six weeks of gladsome life upon the wing. By the middle of July all of those patriarchs of the insect family will have fallen to the ground. But meantime they will have attended industriously to the perpetuation of their species, the female plowing the young branches of trees with furrows into which they plant the tiny eggs, from which, during the coming summer, countless millions of ant-like cicadas of the new generation will emerge only to burrow directly into the ground and there await the trumpet call of the next resurrection day, which for the Southern broods will occur in 1921, and for the Northern brood in 1928.

What to Do When They Come.

Schedules for the appearances of all of our cicada broods have been prepared for generations to come by Charles Lester Mullen, assistant chief of the United States Bureau of Entomology, to whom I am indebted for the preceding information concerning these remarkable insects.

"When the cicada appears in great numbers it naturally causes considerable alarm and causes fears for the safety of shade trees and orchards," said Mr. Mullen. "The actual damage, however, is usually slight. Except in the case of newly planted orchards and shade here, by vigorous pruning and care after the cicada has disappeared, much of the injury caused by the emergence can be obviated. Recent experience indicates that trees thoroughly sprayed with Bordeaux mixture or lime wash are apt to be avoided by the insects."

(Copyright, 1911, by John Ellith Watkins.)

Arvonian Social News

[Special to The Times-Dispatch.]

Arvonian, Va., March 18.—Mr. and Mrs. A. L. Pitts spent several days in Richmond this week.

Dr. John Robert Bagby visited friends in Washington this week.

Mr. and Mrs. E. E. Crook, accompanied by their friend, Mrs. Newton, of Richmond, spent this week at the Arvonian Inn.

Prof. J. Walter Kromb of Duluth, visited Mr. and Mrs. Thimney J. Jones at the Arvonian Inn this week.

E. W. Hubbard, of Buckingham, was in town on Saturday and Sunday visiting his friend, A. L. Pitts, Jr.

Prof. Oregon F. Mendenhall, principal of the Buckingham High School, was a visitor here this week, inspecting the school work in the

local schools and going over the new Arvonian High School, which is in process of erection.

Mrs. L. Pitts, Jr., spent several days in Richmond this week.

Mrs. B. B. Ambler, of "Seven Islands," is visiting her brother, R. C. Nicholas, of Charlottesville.

Mrs. Reuben Nicholas paid a visit to her daughter, Miss Ruby, in Charlottesville, this week.

Miss Lucy Nicholas visited her sister, Mrs. Richard Truitt, in Staunton, last week.

Hunter M. DuVal visited Hinton, W. Va., this week, and accompanied Chambers Williams, of Hinton, and Virginia Pitts, of Staunton, to the home of Mr. and Mrs. A. L. Pitts here this week.

GOWANS King of Externals

Sells itself wherever introduced. Imitators have tried to imitate, and substitution has been attempted. But once GOWANS always Gowans for inflammation and congestion.

It gives us pleasure to recommend Gowans Preparation for Inflammation, especially of the throat and chest. We have sold Gowans Preparation for many years and never had a complaint.

BURLINGTON DRUG CO., Burlington, N. C.

BUY TO-DAY! HAVE IT IN THE HOME

All Drugists. \$1. 50c. 25c.

GOWAN MEDICAL CO., DURHAM, N. C.

Guaranteed, and money refunded by your Druggist

The Gossard Corsets

They lace in front. Carried exclusively by us.

The Corset Shop,

317 N. Fifth Street.

Mrs. A. J. PYLE, Prop.

Spring Opening

For Ladies.

E. Enders and Son,

Merchant Tailors

representing the

Ladies' New York Tailoring Co.,

of Fifth Avenue, is now ready to take your order for the ladies' hand-made suits. Workmanship, style and finish guaranteed. Inspect our suitings and our latest fashionable show plates of Paris.

604 E. Main St. New York.

SAUER'S

THE BEST FLAVORING EXTRACT

BY EVERY TEST